

Supporting information for:

Magnetic Light and Forbidden Photochemistry:

The Case of Singlet Oxygen

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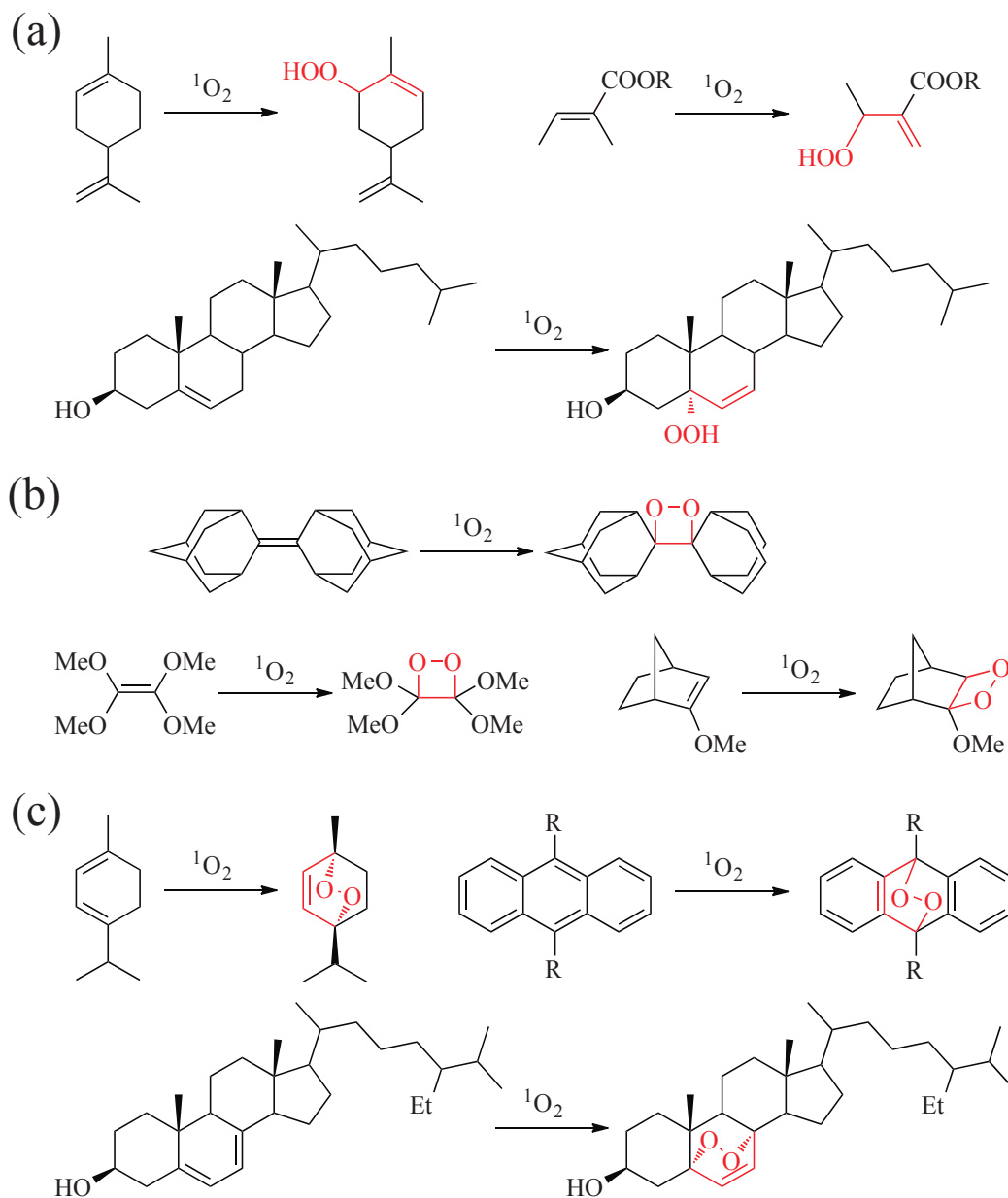


Figure S1: Test reactions of interest involving singlet oxygen that can be used for detecting and monitoring the singlet oxygen formation. (a) “ene” reactions to give allylic hydroperoxides, such as the oxygenation of limonene, tiglic acid, cholesterol. (b) Dioxetane formation through [2+2] cycloadditions with adamantylideneadamantane, tetramethoxyethene, or norbornene derivatives as probes. (c) [4+2] cycloadditions to the diene systems of 2,5-dimethylfuran, alpha-pinene, ergosterol or 9,10-disubstituted anthracenes, affording endoperoxides.